

1964

News and Notes - Affiliated with the Iowa Junior Academy

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this section, please feel responsible! It is up to you to submit ideas for this section of your Journal. When one attempts to be a reporter for all science teaching news in the state, one soon discovers that it is an impossible job. Help is needed!

Regional NSTA Meeting

Dean Stroud of Des Moines is to be congratulated for his fine work in organizing and administering the October 2-3 Regional NSTA meeting held in Des Moines. The program proved exceptional. Many ISTA members were a part of the program. Many others received the benefits of attendance.

Let's hope that it will not take another fifty years before we can host another regional meeting in Iowa!

Advertising for This Journal

We are looking forward to expansion of membership and size of this Journal. This is possible with your help in enlisting the help of more advertisers.

Sister Mary Martina of Dowling High in Des Moines has recently assumed the advertising editorship as her work as ISTA secretary. She has arranged for the additional advertisement in this issue and has completed arrangements for significant increases in future issues of Volume 2.

If you will contact persons in your area who might place advertising orders, Sister Martina will follow through with an official contact. This is one positive way that every member can do his share of the work of the work of the Association. Sister Martina is to be congratulated upon the vigor with which she has embarked on this new position!

New Members

If you have not renewed your ISTA membership it is now due. Thirty new members were accepted at the October 16 meeting in Des Moines. We are anxious to grow even more during our 1964-65 year.

Lyle Anderson, our retiring president, has accepted the important job of membership chairman. He has already begun an extensive campaign to double our membership. All old and new members are hereby requested to assist. Have you secured two new ISTA members during the last month?

Contact Lyle Anderson, West High, Waterloo, for information concerning membership. Lyle will also be glad to take care of your five dollar dues. He will see that your name is added to the 1964-65 "Actives". Act today!

Ford-FSAA Program

This is the youth activities program of

the National Science Teachers Association. Specific information is available from NSTA Headquarters, 1201 Sixteenth Street, N.W., Washington, D. C. The Ford-FSAA program is one of the few national youth science programs which was requested, designed, and conducted by science teachers. Its function is to help the teacher develop extra-class activities which extend the day-to-day classwork by providing students with opportunities to pursue their individual interests. Any secondary school science club in the United States may receive a charter as a chapter of FSA.

A Sponsor's Guidebook, a quarterly newsletter, suggestions for projects, and membership materials including membership lists, individual card, pins and insignia are available. The Ford Motor Company is the chief sponsor. However, other awards are provided by various organizations and industries.

The Ford-FSAA program is one which has been in keeping with modern philosophy of science education from the beginning. Several other programs now emphasize real research and preparation of a manuscript rather than the 'show and tell' idea which has characterized the Science Fair movement. However, this evolution has resulted from these pioneer efforts of NSTA and some of their special boards and committees.

Junior Academy Symposium

The Iowa Academy of Science selected eighty-five talented secondary school students to participate in the first Symposium to be conducted with funds from the National Science Foundation. These students were selected on the basis of their past records in science courses in their schools. Scientist-advisors who are members of the Senior Academy are working with each of the participants.

A final prospectus has been prepared for each research problem. It is anticipated that each participant to prepare a preliminary report of the work by April 1. Sixty of these participants will be selected as finalists. Their expenses will be paid for a two day meeting of the Junior Academy at the University of Dubuque on April 23 & 24. Here they will present their papers before the membership. These reports will later be printed as a special volume of the **Proceedings of the Junior Academy**.

Affiliated with the Iowa Junior Academy

Is your school a member of the Iowa Junior Academy of Science? If not, write today to Frank Starr, East High, Waterloo, for membership information. Your

school can be affiliated for a cost of three dollars. This will enable your students to participate in the annual meeting next spring as well as to compete in the Talent Search and the Scientific Manuscript programs. You can also bring students to the symposium to hear the reports of the NSF supported symposium participants.

Action in the ISTA Regions

This year President Fagle has indicated that you can expect some real action in your ISTA region. The regional directors have recently met and have some specific goals for the year. If you are interested in being directly involved, please contact your regional director at once.

We plan to have at least one regional meeting in each region. We hope to organize each region on a county basis to insure personal representation throughout our structure. President Fagle has set the goal of fifty new membership in each region. He has also called for greater representation of Journal authors from all ISTA regions.

Again the help of the current active membership is vital if these objectives are to be realized.

New Officers

The election-by-mail was heralded as a great success. The new officers were installed in Des Moines on October 16 as a part of the general session at the fall meeting. Each of the new officers pledged his support of the organization and agreed to give ISTA leadership for the 1964-65 year.

The Executive Committee has met and the committee appointees made for the year. The transition of leadership has occurred and the membership is looking for-

ward to a bigger-than-ever year. The new officers need the support of every member if "their" year is to be as productive as their objectives for it imply.

President Fagle authored the following goals in his acceptance remarks in Des Moines:

1. Better communication to all members about meetings involving the I.S.T.A.
2. An active membership campaign within the I.S.T.A. regions.
3. Keep the I.S.T.A. Journal growing by getting greater participation in the writing of articles by I.S.T.A. members.
4. Greater participation of the I.S.T.A. in the active programs of the N.A.B.T. and N.S.T.A.
5. Studies of an N.S.F. supported I.S.T.A. Preschool Science Workshop in addition to the spring I.S.U. Iowa Science Teachers Workshop.

Junior Academy Manuscript Program

Contact Thomas Scott, Roosevelt High, Des Moines, for information concerning procedure for your students who may want to enter the Junior Academy's Scientific Manuscript Program. In general, this program serves as a preliminary activity to a first-rate experience with a research project. Many students so involved will later apply for participation in the Symposium Program.

NSTA to Meet in Denver

Plan now to attend the National Science Teachers Association annual convention. This year it will meet in Denver, Colorado. The dates are March 27 to 31. May we count on our traditional ISTA breakfast at Denver?

REVIEWS

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Laboratory manuals: Junior high school. Basic Science Series, L. W. Singer Co. Inc.

Ploutz, Paul F. et. al. (1964). *Laboratory Manual, Basic Physical Science*. 92 pp.

Ploutz, Paul F. et. al. (1964). *Laboratory Manual, Basic Earth Science*. 124 pp.

These manuals are recent publications to accompany the Basic Science series published in 1963. They are, in fact, laboratory manuals and not "fill-in-the-blank" workbooks. Equipment requirements for the laboratories are minimal, and much of what is required is constructed (or assembled) as part of the laboratory experience of the student. Observation and recording of data

are inherent to many studies, and thus permit students to draw their own conclusions.

Reviewers note: Whether or not the manual for *Basic Life Science* has been released, I do not know—we haven't received it at our school. When it is received, it will be reviewed in this column. If the third manual is of the same calibre as its predecessors and as the text series, Singer Company has cause for pride in their work.

Library Material for Elementary Science by A. C. Haman and M. K. Eakin. (1964).

An Educational Service Publication of enough progress will be made to enable